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| **21st Century Lesson Cycle Template** | | |
| **Grade: 6-7 Subject: Learning to use a combination lock**  **Unit: Life Skills** | | |
| **Driving Question:**   * Can you independently open and close a 1-2-3 digit combination lock? | | |
| **Outcomes:**   * Life skills related skill- Students will be able to unlock a combination lock with 3 digits. | | |
| **Expected Time:**   * 1x30 minute class: Approx: 15 mins + 15 mins of practice time | | |
| **Resources:**  Several combination locks with different combinations; 1-2-3 digit combinations.  [Video](https://www.youtube.com/watch?v=MbdpbnrAb2w)  [Exit Pass](#ExitPass) | | |
| **Lesson Procedure** | | **21st century skills** |
|  | Teacher does (I Do):   * Model using a combination lock - opening and closing the lock. * Present key words/concepts on white board (left, right, zero, past the zero). * Present video for students to watch. | find, validate  remember, understand  collaborate, communicate  analyze, synthesize  critical thinking  evaluate, leverage  create, publish  citizenship |
| Individual student work (You Do):   * Use steps from video and key words from the white board to practice opening and closing 1-digit, 2-digit and 3-digit combination locks. | find, validate  remember, understand  collaborate, communicate  analyze, synthesize  critical thinking  evaluate, leverage  create, publish  citizenship |
| Group work (We Do):   * Use steps from video to practice opening and closing combination lock with a peer. Share and switch locks. | find, validate  remember, understand  collaborate, communicate  analyze, synthesize  critical thinking  evaluate, leverage  create, publish  citizenship |
| Class share (We Share):   * Use steps from video and key words from white board to practice opening and closing combination locks with other peers in the class. | find, validate  remember, understand  collaborate, communicate  analyze, synthesize  critical thinking  evaluate, leverage  create, publish  citizenship |
| **Lesson Wrap Up:**   * Review the key words and concepts of using a combination lock (left, right, zero, past the zero). | | |
| **Differentiation/Modification/Enrichment**:   * Sticky notes with key words on them: left, right, the numbers in the combination, etc. * Combination locks with one and two digit combinations, rather than three digit. | | |
| **Assessment:**   * Demonstrate two different combinations to an adult in the room as an [Exit Pass](#ExitPass). * Students can leave the learning centre and practice putting their lock on the locker and using the combination to unlock the lock. | | |
| **Teacher Reflection:** | | |



Pass

**Directions**:

1. Write in the locker combination of the lock.
2. The adult will check the box when you have demonstrated you can open the lock.

Lock #1:

Combination \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lock #2:

Combination \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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